





Fire Rated Glazing and Framing Solutions |



SuperLite® Fire Rated Glass

Fire Resistive Glazing	Features	Applications
SuperLite® II^{XL} 60 Fire Resistive Tempered Glazing	60 minute, CPSC Cat. II, ASTM E119 tested, clear transparent wall glazing that blocks radiant heat transfer. Can be customized to include energy performance, noise abatement benefits, bullet resistance, hurricane resistance and unlimited decorative options.	Fire resistive doors and wall assemblies.  Now available with Starphire Ultra Clear® Glass by Vitro.
SuperLite® II^{XL} 90 Fire Resistive Tempered Glazing	90 minute, CPSC Cat. II, ASTM E119 tested, clear transparent wall glazing that blocks radiant heat transfer. Can be customized to include energy performance, noise abatement benefits, bullet resistance, hurricane resistance and unlimited decorative options.	Fire resistive doors and wall assemblies.  Now available with Starphire Ultra Clear® Glass by Vitro.
SuperLite® II^{XL} 120 Fire Resistive Tempered Glazing	120 minute, CPSC Cat. II, ASTM E119 tested, clear transparent wall glazing that blocks radiant heat transfer. Can be customized to include energy performance, noise abatement benefits, bullet resistance, hurricane resistance and unlimited decorative options.	Fire resistive wall assemblies.  Now available with Starphire Ultra Clear® Glass by Vitro.
SuperLite® II^{XLB} 60 Fire Resistive Tempered Glazing for Oversized and Butt-Glazed Applications	60 minute, CPSC Cat. II, ASTM E119 tested, fire resistive tempered glazing that blocks radiant heat transfer. Butt-glazed assemblies and other decorative glass make-ups available.	Fire resistive wall assemblies. Available in butt-glazed applications.  Now available with Starphire Ultra Clear® Glass by Vitro.
SuperLite® II^{XLB} 120 Fire Resistive Tempered Glazing for Oversized and Butt-Glazed Applications	120 minute, CPSC Cat. II, ASTM E119 tested, fire resistive tempered glazing that blocks radiant heat transfer. Butt-glazed assemblies and other decorative glass make-ups available.	Fire resistive wall assemblies. Available in butt-glazed applications.  Now available with Starphire Ultra Clear® Glass by Vitro.
SuperLite® II^{XLM} 60 Fire Resistive Multilaminate Glazing	60 minute, CPSC Cat. II, ASTM E119 tested, clear fire resistive multilaminate glazing that blocks radiant heat transfer. Can be customized to include energy saving insulated units, decorative, security and more.	Fire resistive doors and wall assemblies. Available in butt-glazed applications.
SuperLite® II^{XLM} 120 Fire Resistive Multilaminate Glazing	120 minute, CPSC Cat. II, ASTM E119 tested, clear fire resistive multilaminate glazing that blocks radiant heat transfer. Can be customized to include energy saving insulated units, decorative, security and more.	Fire resistive wall assemblies. Available in butt-glazed applications.
SuperSecure® II^{XLS} 45-120 Fire Resistive Security Glazing	45-120 minute, CPSC Cat. II, ASTM E119 tested, clear transparent wall glazing that blocks radiant heat transfer and meets forced entry requirements.	Fire resistive doors, windows/openings and wall assemblies for prisons and other high security areas.
Fire Protective Glazing	Features	Applications
SuperLite® I Fire Protective Specialty Tempered	20 minute, CPSC Cat. II, clear specialty tempered glazing. Decorative options also available.	Fire protective doors and partitions.  Now available with Starphire Ultra Clear® Glass by Vitro.
SuperClear® 45-HS Fire Protective Specialty Glazing	45 minute, CPSC Cat. II, clear specialty fire protective glazing that meets the hose stream test.	Fire protective doors, sidelites, transoms and windows/openings.
SuperClear® 45-HS-LI Fire Protective Specialty Glazing	45 minute, low-iron, CPSC Cat. II, clear specialty fire protective glazing that meets the hose stream test.	Fire protective doors, sidelites, transoms and windows/openings.  LOW-IRON
SuperLite® I^{XL} Fire Protective Specialty Tempered Glazing with Partial Radiant Heat Protection	20-45 minute, CPSC Cat. II, directional clear specialty tempered glazing with partial radiant heat protection.	Fire protective doors, sidelites, transoms and windows/openings. SuperLite® I-XL does not meet ASTM E119 and requires AHJ approval for 45 minute applications.
SuperLite® I^{XL} IGU Fire Protective Specialty Tempered Glazing with Partial Radiant Heat Protection	20-45 minute, CPSC Cat. II, bi-directional clear specialty tempered glazing with partial radiant heat protection.	Fire protective doors, sidelites, transoms and windows/openings. SuperLite® I-XL IGU does not meet ASTM E119 and requires AHJ approval for 45 minute applications.
SuperLite® X-45/60/90 Fire Protective Door Lites up 100 square inches	45-90 minute clear, non-wired, and tint free glazing that meets all the fire and safety requirements for doors up to 100 square inches.	45/60/90 minute door vision lites limited to 100 square inches.
SuperLite® II^{XL} 45 Fire Resistive Tempered Glazing	45 minute, CPSC Cat. II, ASTM E119 tested, clear transparent glazing that blocks radiant heat transfer. Can be customized to include energy performance, noise abatement benefits, bullet resistance, hurricane resistance and unlimited decorative options.	Fire protective doors, sidelites, transoms and windows/openings.  Now available with Starphire Ultra Clear® Glass by Vitro.

GPX[®] GLASS PROTECT^x Fire Rated Framing

Framing	Features	Applications
GPX[®] ARCHITECTURAL S E R I E S F I R E R E S I S T I V E	Fire resistive, aluminum framing system available in multiple profiles. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar [®] 500 coatings, Valspar [®] , Decoral [®] , wood veneer, ornamental metal, and many more.	Doors Walls
GPX[®] ARCHITECTURAL S E R I E S F I R E P R O T E C T I V E	Fire protective, aluminum framing system for doors, sidelites, transoms and openings. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar [®] 500 coatings, Valspar [®] , Decoral [®] , wood veneer, ornamental metal, and many more.	Doors Windows/Openings
GPX[®] BUILDERS S E R I E S T E M P E R A T U R E R I S E	Full-vision, temperature-rise doors with a maximum door height of 10 feet (the largest in the industry). Offered in standard and custom finishes including high performance fluoropolymer finishes by PPG, aluminum clad, stainless steel clad and more.	Doors
GPX[®] BUILDERS S E R I E S F I R E P R O T E C T I V E	Fire protective framing for doors, sidelites, transoms and openings. Full-vision doors with a maximum door height of 10 feet (the largest in the industry). Offered in standard and custom finishes including high performance fluoropolymer finishes by PPG, aluminum clad, stainless steel clad and more.	Doors Windows/Openings
GPX[®] CURTAIN WALL S E R I E S	Fire resistive aluminum framing system available in multiple profiles for multi-story spans of glass. Fully vetted for exterior performance with static & dynamic water pressure testing, air infiltration testing, thermal cycling & condensation evaluation, and structural, seismic and interstory displacement testing.	Curtain Walls
GPX[®] HURRICANE S E R I E S	Fire resistive, hurricane rated, aluminum framing system with Florida Product Approval numbers for Fixed Window/Wall (16382) and Single and Pair Doors (16888). Complies with High Velocity Hurricane Zone (HVHZ) testing requirements. Also available with TX Department of Insurance Approval and UL Certifications. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar [®] 500 coatings, Valspar [®] , Decoral [®] , wood veneer, ornamental metal, and many more.	Doors Windows/Openings Walls
GPX[®] BALLISTIC S E R I E S	Fire resistive, ballistic rated aluminum framing system available in multiple profiles. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar [®] 500 coatings, Valspar [®] , Decoral [®] , wood veneer, ornamental metal, and many more.	Doors Windows/Openings Walls
GPX[®] BLAST S E R I E S	Fire resistive, blast rated aluminum framing system available in multiple profiles. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar [®] 500 coatings, Valspar [®] , Decoral [®] , wood veneer, ornamental metal, and many more.	Windows/Openings Walls
GPX[®] EZ FRAME S E R I E S	Flexible, economical and creative solution for fire protective openings or fire resistive walls without visible metal framing.	Windows/Openings Walls
GPX[®] VISION KIT S E R I E S	Steel vision lite kits for 20-90 minute door applications. Available primed for field paint or with high performance paint by PPG.	Doors
GPX[®] FIREFLOOR S Y S T E M	Fire resistive glass floor assembly up to 2 hours with the largest tested and listed individual glass panel sizes for fully-supported and butt-glazed floor applications.	Floors
SAFTIFENCE	45-60 minute heat reflective fire rated glass fence incorporating technologically advanced SuperLite [®] I-XL heat reflective specialty tempered glazing by SAFTI FIRST [®] . The ideal clear fence solution for homes or developments built near or in wildland-urban interface (WUI) areas and designated fire zones.	Fences

Choosing Fire Rated Glass

Fire Protective



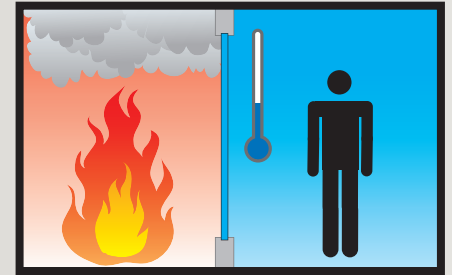
- Contains smoke and flames.
- 20 to 45 minute ratings limited to applications that are less than 25% of the wall area.
- 60 to 180 minute ratings limited to 100 sq. in. for use in temperature rise doors.

Fire Protective - Heat Reflective



- Reflects dangerous radiant heat back towards the source.
- Provides partial radiant heat protection suitable for building exits and property lines.
- Does not meet ASTM E119 and requires AHJ approval for 45 and 60 minute applications. Please visit www.safti.com/AHJ for more information.

Fire Resistive



- Contains smoke, flames and blocks the passage of radiant heat.
- Limits the temperature rise on the non-fire side to 250°F above ambient even when the other side reaches temperatures over 1800°F.
- Does not have the size limitations that fire protective products do.
- Can be used wall-to-wall and floor-to-ceiling when installed with an equally rated framing system.

SAFTI **FIRST**® Glass Products

SuperLite® I

SuperClear® 45-HS
Patented

SuperClear® 45-HS-LI
Patented

SuperLite® X-45/60/90
Patent Pending

SuperLite® I^{XL}

SuperLite® I^{XL}IGU

SuperLite® II^{XL}

SuperLite® II^{XL}B

SuperLite® II^{XL}M

SuperSecure® II^{XL}S

Radiant Heat Transmission Through Fire Rated Glazing

